

GILBERT (W. H.)

Nourishment of the Sick,

BY

DR. W. H. GILBERT,

*Resident Physician of the "Sanatorium" Baden-Baden,
Germany.*



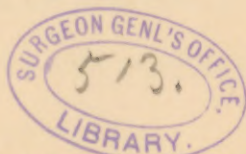
(Translated from the German.)

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(Translated from the original article published in the "Ealnäo-
logisches Centralblatt," Leipzig, Germany.)

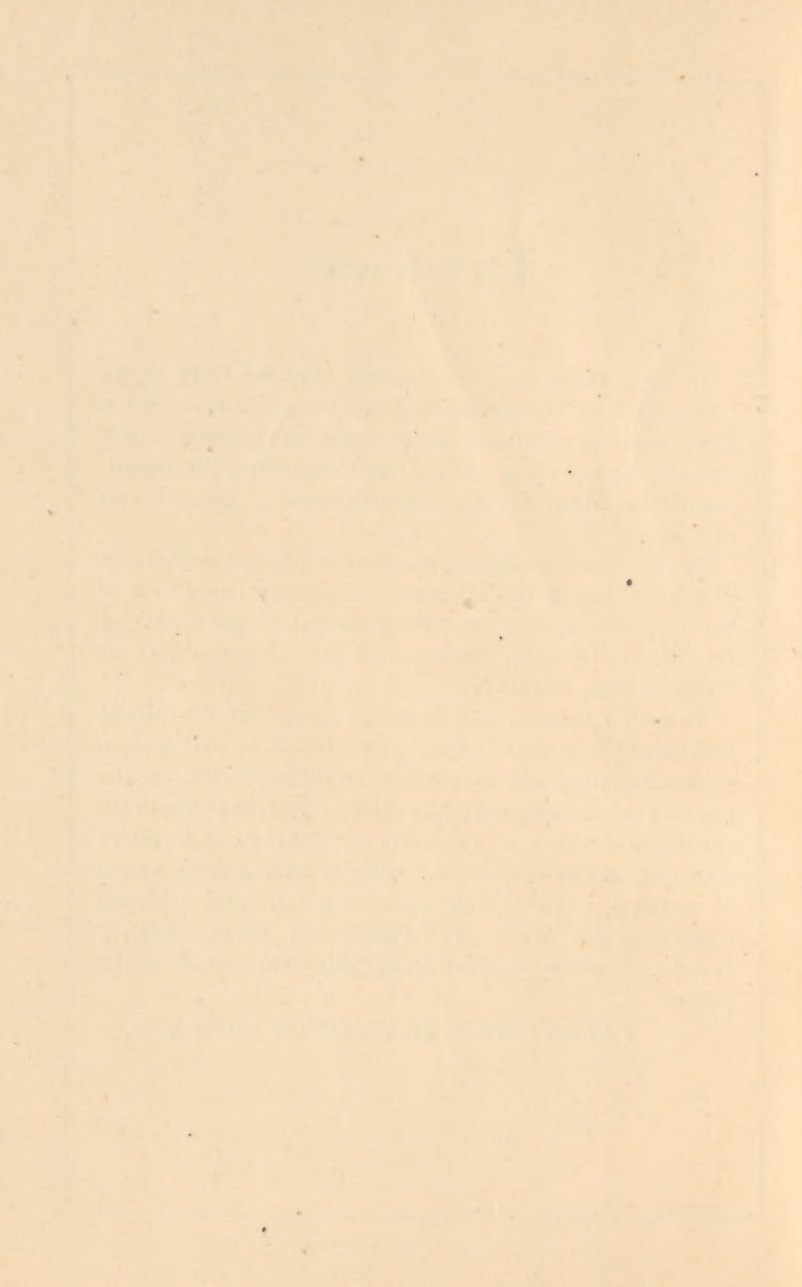
Preface.

In accordance with the general plan set forth in the "Introductory" to our series of brochures, we have, in the past, from time to time, issued these publications which contain reports from medical men regarding the usefulness of the MEAT-JUICE in the treatment of special forms of disease.

In the present instance, however, we have the pleasure of placing before the Medical Profession a translation of the very able article on "Nourishment of the Sick" by Dr. W. H. Gilbert, Physician of the "Sanatorium" at Baden-Baden, Germany.

To such a detailed and thorough account of the critical and severe tests made by the physician of so well known an institution as the Sanatorium at Baden-Baden, for the purpose of ascertaining the direct nutritive worth of the MEAT-JUICE, i. e. its ability to maintain and restore strength, we have taken the liberty of adding, from a mass of material, a few reports containing collateral evidence regarding the power of VALENTINE'S MEAT-JUICE to sustain life when constituting the sole nourishment of the patient.

VALENTINE'S MEAT-JUICE COMPANY.



NOURISHMENT OF THE SICK;

BY

DR. W. H. GILBERT,

Physician of the Sanatorium Baden-Baden.

At a time when the market is literally flooded with strengthening remedies; when we daily receive samples of highly lauded peptones, meat essences and extracts, it is not an easy matter for us physicians to distinguish between the spurious and the true; even with the latter, among truly genuine articles, it is difficult to choose that which is exactly adapted to the case before us.

Therefore, at this juncture, I beg leave to describe some of our experiments with a preparation, the value of which is already acknowledged by the highest authorities in the German medical world; the use of which cannot be too strongly recommended.

In a Sanatorium which is principally frequented by the wealthy class, the physician is less compelled to consider the price of a preparation, and further, the name of the institution is a guarantee that time and opportunity are afforded him to make exact and strictly scientific observations.

Under these favorable circumstances, I have submitted a great many nutrients to an unlimited and unprejudiced investigation, and I have come to the conclusion that VALENTINE'S MEAT-JUICE stands unsurpassed wherever

it is essential to administer a strengthening, palatable, easily assimilable, stimulating and invigorating preparation, containing albumen in the most highly concentrated form.

According to the opinion of Liebreich and Virchow, VALENTINE'S MEAT-JUICE is a fluid of syrup-like consistency, which is readily soluble in water and which remains for months without perceptible change. Like no other meat preparation, the coloring matter of the blood is contained in it in entirely unchanged condition, combined with a certain quantity of albumen. In dissolving the MEAT-JUICE in cold or warm water, a solution is obtained in which is found, besides the essential organic elements of bouillon, also the aforesaid albumen in solution, which does not indicate a larger quantity of inorganic substance (salts) than good meat broth. By adding boiling water, coagulation of the albumen naturally occurs, and with it, vitiation of the preparation. There is no objection to add to this solution what is usually added to bouillon. The aqueous solution prepared with VALENTINE'S MEAT-JUICE has a very agreeable taste.

My experience with the preparation extends to eight cases; that of my colleague, Dr. A. Frey, to three cases, which he kindly permitted me to mention. The effect of the MEAT-JUICE was in all cases so highly satisfactory that it would be very interesting to enter into the details of them all.

Of the above-mentioned eight cases, two were Chloro-neurasthenia, one with Gastro-intestinal Catarrh, one with Neurasthenic Dyspepsia, one with extreme Prostration, two with Neurasthenia, one with Dyspepsia and Inanition. Of the three cases of my colleague, one with

Chronic Alcoholism, and two with Chlorosis and Dyspepsia. I now beg leave to give a short sketch of the most interesting of these cases.

1st case. Mrs. S. 38 years of age, childless, suffered when a young girl from Chlorosis, as well as from extreme gastric disturbances. Shortly after marriage, the patient was seized with Endometritis which required an energetic, therapeutic treatment, but which was followed by retroversion of the uterus and other complications. During this time Mrs. S. received frequent injections of morphine which became a necessity to her and thus she fell a victim to morphinism. This lasted about three years, during which time, the doses of morphine were increased to an almost incredible quantity. The gastric disturbances, of course, became more and more intense. Finally the patient was unable to take any solid food, the stomach would retain only champagne and cognac, which kept her in a permanent state of semi-intoxication. In this desperate condition of Inanition, the patient was brought to our institution. This medium-sized woman, of a naturally strong constitution, had become reduced to a skeleton and could only raise herself with great difficulty. Skin flabby, secretion of the mucous membranes scarcely perceptible, teeth carious "fœtor ex ore." Tongue covered with a thick, greasy coating, "Otitis media," diffuse systolic action about the breadth of two fingers, from below the "papilla mammæ" up toward the axillary line; the apex impulse visibly raises the entire thoracic gland, percussion over the lungs showing normal condition. Cardiac dullness extending upward to the third rib, and toward the right as far as the edge of the sternum. Loud, systolic heart-sounds at the apex—which lessen toward the arterial cardiac orifices. Feeble and very rapid pulse,

at times intermittent; on the lower extremities numerous abscesses.

The greatest precaution was necessary in making a change of medication. The first step was to raise the prostrated state of nutrition. For this purpose, we dissolved a teaspoonful of VALENTINE'S MEAT-JUICE in champagne. This mixture was taken easily into the stomach and digested. After a few days we administered to her, daily, three nutritious enemas of the following composition: 1 yolk of an egg well mixed with 50 grs. lukewarm water, 2 teaspoonfuls of VALENTINE'S MEAT-JUICE. Gradually we reduced the quantity of alcohol—substituting for it MEAT-JUICE and water, continuing the nutritious enemas. After about one week, we ventured to give her strong bouillon with an egg, to which we added a few teaspoonfuls of VALENTINE'S MEAT-JUICE.

During the day we gave the patient, between times, a few spoonfuls of VALENTINE'S MEAT-JUICE in tea. The result of this treatment was astonishing. The appearance of the patient had improved, the tongue was clearer, her strength returned visibly. We now took the risk of administering solid food, which was well digested, the quantity of which we raised gradually, leaving off the nutritious enemas, but retaining the MEAT-JUICE doses per os.

After a few weeks we found that her weight had increased 8 lbs., the tongue was entirely clear, the mucous membrane tolerably well injected. The patient could partake of solid food and digest it well. She was able to sit up and move about the room without great effort. The patient was now in such a condition that we could begin a gradual treatment of lowering diet, but we still con-

tinued, through her convalescence, the doses of MEAT-JUICE in beer, wine, water and bouillon.

2d case. Miss H. age 22 years, suffered from Anæmia before puberty. At the age of 13 her menstruation commenced, menstrual period every three weeks, profuse and of six days' duration. Upon the foundation of this Chlorosis, Neurasthenia developed, the unmistakable symptoms of which were insomnia, pressure in the back of the head, atony, pains in the limbs, aversion to activity, weakness of memory, loss of appetite, gastric disturbances and frequent vomiting. The medical examination of this tall, thin and lank looking girl shewed as follows: complexion livid, muscular system feebly developed, cutaneous covering flabby, tongue coated, mucous membranes very feebly injected, lips somewhat cyanotic, percussion and auscultation over the lungs normal, cardiac dullness somewhat increased, on the apex slight "sacille" (murmur) "pulsus rarus," on the jugular veins, venous hum, abdominal organs normal, patellar reflex movements somewhat increased. Intercostal pressure painful. The patient presented a perfect picture of Chlorosis-neurasthenia, combined with Neurasthenic Dyspepsia. Besides electro and hydro therapeutics, we used every day about 25 grams VALENTINI'S MEAT JUICE in sherry and before retiring in the evening, a similar dose in half a glass of water. Under this treatment the condition of the patient visibly improved, the dyspeptic symptoms disappeared, as well as the sensation of nausea. The tongue became clean, the chlorotic paleness gave place to a fresh color, the patient enjoyed a healthy sleep and again took interest in her surroundings. The nervous trouble ceased entirely and after 8 weeks the patient was

cured, with an increase of 7 kilograms in weight was dismissed from the sanatorium, completely cured.

3d case. Mr. G. 45 years old, unmarried, became ill about 2 years ago, with acute Gastro-intestinal Catarrh which, owing to neglect, became chronic. The patient who, before his illness, had been strong and somewhat corpulent, became more emaciated from day to day, suffering from oppression in the pit of the stomach, loss of appetite, vomiting and diarrhoea and complained of an increasing sensation of debility. He could not retain any solid food. We prescribed half of a cup of barley water 4 times a day, with the addition of 15 grams VALENTINE'S MEAT-JUICE. Besides this, as a drink between times, old Bordeaux, mixed with half water and in each wineglass full, about 7 grams of VALENTINE'S MEAT-JUICE. After 8 days the condition of the patient was so greatly improved that we could give him solid food; but we continued with VALENTINE'S MEAT-JUICE, giving him 40 grams per day in his drinks. After 6 weeks we were able to dismiss the patient as cured, with an increase of 5 kilograms bodily weight.

4th case. Mrs. Dr. W. Age 40 years; convalescent from a severe nervous disease which had lasted 18 months, came to us for final treatment. In the course of her disease, the lady had lost 30 kilograms in weight. She suffered from violent pains in her stomach, loss of appetite and great general debility. Her tongue was constantly and heavily coated and slight diarrhoea alternated with constipation. Besides a carefully selected diet, we gave her VALENTINE'S MEAT-JUICE per os, in the same doses as described in the foregoing cases. Somewhat later on, mixed the preparation with champagne, beer, cold

tea, sherry and claret, as suited to the occasion. Most excellent results were obtained from the following composition: 1 egg (white and yolk) well beaten with a glass of sherry, after which 10 grams of VALENTINE'S MEAT-JUICE were added and stirred constantly. The appetite of the patient soon improved, her operations became regular, the disorders of the stomach ceased, her tongue became clean, her strength increased and after some months we had the pleasure of having accomplished a cure which by far surpassed the hopes of the patient. With an increase of 20 kilograms bodily weight, the patient left the Institution.

To the above cases, I add the three which my colleague, Dr. Frey, observed in his private practice, and which he kindly permitted me to use for publication.

1st case. Mr. R. B. for 5 years a victim of Alcoholism. He drank daily a litre of cognac, became ill about the beginning of 1889, with chronic disorders of the stomach, loss of appetite, vomiting and diarrhoea. In the Spring of 1890, his disorders grew worse. The patient lost weight rapidly, suffered with intense pains in the epigastrium, with *hematemesis* and bloody diarrhoea. The hemorrhages became so copious from day to day that the patient collapsed and danger of death was imminent. As it was out of the question to sustain his system by nourishment through the stomach, I prescribed nutritious enemata, consisting of the yolk of an egg, 30 grams Valentine, 30 grams sherry, 50 grams water and 3 drops tincture of opium. These enemata were repeated every three hours. The patient received them without evincing any *irritation*, feeling very comfortable after them.

After 8 days I commenced to administer Valentine in small doses (by mouth) with ice champagne which

were well digested. With this therapeutic treatment, it seemed that after the lapse of a fortnight the duodenal ulceration, which evidently had caused the hemorrhages, seemed to be healed over and I was able gradually to give selected solid food. The enemas were continued for about one month. For some time after the patient had recovered and increased 6 kilograms in weight, he continued to take Valentine in champagne, tea or beer, as an occasional drink.

2nd case. Miss K. von S. 6 years old, the child of very nervous parents, slenderly built, active intellect. Recently, without any apparent cause, she became somewhat emaciated, ate little and her tongue was somewhat coated. Owing to her pronounced aversion to all medicines, I ordered partly as a tonic, partly as a nourishment, a composition of 30 grams Valentine with the yolk of an egg, to be given twice daily, at 10 A. M. and 5 P. M. in addition to her usual food. With this therapeutic treatment, the patient visibly improved, notwithstanding the two yolks (daily) her appetite for other food increased greatly, and after a few weeks the patient had increased 1 kilogram in weight.

3d case. Miss von P. Age 28 years, chlorotic, suffering regularly during the hot season, from disordered stomach, which manifested itself by oppression in the epigastrium, loss of appetite, slightly coated tongue, etc. The greatest variety of tonics were administered to her in the course of the last year, with only temporary or no good result. Last summer I tried VALENTINE'S MEAT-JUICE and gave her, before each meal, 30 grams with some sherry or champagne; we were much gratified to see that her appetite improved and her disorders of digestion decreased. Since then the lady (who, before, had always

a very weak digestion) has increased in weight, she has now a healthy appearance and has become a warm advocate of Valentine.

From the foregoing results, VALENTINE'S MEAT-JUICE appears to be an extremely valuable addition to our nourishing and stimulating meat preparations, an ideal substitute, I dare say, for beef tea, the preparation of the latter being always connected with difficulties. The essential advantages of VALENTINE'S MEAT-JUICE over all similar preparations, are its pleasant taste, a quality which for the sick cannot be over-estimated, its easy assimilation, combined with its great nutritive power, its long durability in any climate, and finally, the form in which it may be administered is so varied that it can be adapted to the necessity of each case. This MEAT-JUICE can be given in water, tea, beer, in any kind of wine and in bouillon, etc., etc.

MEDICAL REPORTS.

Extract from the Minutes of the Société Médicale de Strassburg published in the "Gazette Médicale de Strassburg," (No. 6, 1888,) and in the "Mémoires de la Société de Médecine de Strassburg" (Page 60, 1889):

"Dr. Emil Müller speaks of a preparation, VALENTINE'S MEAT-JUICE, with which he sustained for three months a patient with Cancer of the Intestines who could no longer retain any food and who has been relieved to the extent that he can now take other food and is nourished as formerly.

"He believes that VALENTINE'S MEAT-JUICE is, without doubt, the best preparation of meat.

"If Cod-Liver Oil is distasteful, it can be combined with VALENTINE'S MEAT-JUICE and is easily taken. Dr. Emil Müller has been particularly pleased with this combination in certain cases of Phthisis. VALENTINE'S MEAT-JUICE has also been of great service to him in serious cases of Typhoid Fever."

BLACKSBURG, Va.

I have fully tested the merits of VALENTINE'S MEAT-JUICE in cases in which I relied upon it alone for nourishment. I have had three such. One of Puerperal Fever, one of Dysentery and one of Typhoid Fever. In the first and second cases the stomach was so available

that nothing else could be retained, and in the third the patient would take no other nourishment. The first case was sustained for about six days, the second for two weeks, and the third for twenty days. They were all extreme cases and I think their lives were saved by VALENTINE'S MEAT-JUICE. After observing the effect of the preparation closely in these and other cases, I feel justified in the conclusion that for convenience of administration, extent of application and reliability as to nutritive and restorative powers, it is invaluable and far superior to any preparation known to the Medical Profession.

H. BLACK, M. D.

RADEBEUL, *Germany.*

I have tried VALENTINE'S MEAT-JUICE with two of my patients suffering from thickening of the walls of the stomach and who could not retain any nourishment whatever. The MEAT-JUICE agreed with them and *kept them alive for a long time.* I must say also, that I have heretofore used this remedy with the same favorable results in cases of diseases of the stomach, as VALENTINE'S MEAT-JUICE has been long known to me.

DR. MED. JUL. H. PESSLER,

Chief Staff Surgeon.

DRESDEN, *Germany.*

I have used VALENTINE'S MEAT-JUICE in the case of an extremely debilitated lady patient upon whom I had to operate for Bilateral Adhesive Pyosalpinx, by means of Laparotomy. Shortly after the operation (which had been declined by several physicians as too dangerous and which at last I was compelled to undertake as a last

resort to save the patient's life her utter prostration was so great that all nourishment was refused. In this precarious condition VALENTINE'S MEAT-JUICE alone saved the sinking patient from death, as, *for 14 days the preparation was her exclusive nourishment.* The lady is, to-day, in the enjoyment of good health.

DR. MED. OTTO IHLE,

Specialist for diseases of Women and Laparotomy

DRESDEN, *Germany.*

It is superfluous for me to praise VALENTINE'S MEAT-JUICE. I have employed it for several years and know nothing better. *A lady 70 years old has taken VALENTINE'S MEAT-JUICE for Mammotomy, willingly for 7 weeks and sustained her life by it alone.*

DR. MED. KLOTZ.

RICHMOND, *Va.*

I have been exceedingly gratified with the favorable results produced by the administration of VALENTINE'S MEAT-JUICE. In the case of a gentleman fifty years of age, ill with Typhoid Fever, *he was maintained for three weeks with VALENTINE'S MEAT-JUICE alone.* In a case of Post-partum Hemorrhage, which, as is usual, was attended with nausea and loathing of food, I was greatly aided by the free use of MEAT-JUICE in sustaining the flagging powers of life and hastening the return of health.

In cases of Cholera Infantum, I have found the MEAT-JUICE invaluable, and *have known it to be borne in sufficient quantities to support the patients when all other food was rejected by the stomach.*

O. F. MANSON,

Prof. Phys. & Path. Medical College of Virginia.

LONDON, *England.*

I have much pleasure in testifying to the excellence of VALENTINE'S MEAT-JUICE. I have used the preparation for some years, and have had many patients living upon it entirely, for varying periods.

In one case of extreme exhaustion from Bronchitis, an old lady patient of mine 84 years of age recovered her strength *and lived upon VALENTINE'S MEAT-JUICE for 6 weeks, taking no other nourishment during that time.* It is palatable, easily digestible and being so concentrated, can be administered where a larger bulk of fluid is impossible to be retained.

On sea voyages I have recommended it to patients with success. It is in every respect most useful and all that is claimed for it. One of my patients suffering from acute Dyspepsia, with vomiting, at the present time, is recovering and gaining health by its constant use, alone at first, and, now combined with other remedies.

A. G. BATEMAN, M. D., &c.,

Honorable Secretary Therapeutical Society.

BELFAST, *Ireland.*

During the past year I have had ample opportunity of testing the use of VALENTINE'S MEAT-JUICE, and of recommending it to both patients and medical men. I have found the preparation simply invaluable in some cases of extreme debility and in some of intense irritation of the stomach, notably in one of hysterical vomiting, *where for a month I fed the patient per rectum on the MEAT-JUICE alone.* In an Ovariectomy case which I had

lately it was most valuable. I have not met with any preparation which I like so much and I intend to continue its use.

ROBERT ESLER, M. D.,
Senior Physician Charity Hospital, Belfast.

ARMAGH, *Ireland.*

I use VALENTINE'S MEAT-JUICE frequently and believe it to be one of the best in the market. *I have had one or two patients here on it alone for a fortnight or longer, and they could take it when nothing else would agree with them.*

J. MANSERGH PALMER, M. D.,

*F. R. C. S. I.;
Surgeon of Armagh Co. Infirmary and H. M. Prison, Armagh; Pres.
North of Ireland Branch of the British Medical Association.*

ENNISCORTHY, *Ireland.*

I have been using VALENTINE'S MEAT-JUICE for several years with the best results. Among the numerous cases in which I found it valuable, I take the following from my case book, in which the results were most marked. *One case of acute Typhoid Fever* fed on VALENTINE'S MEAT-JUICE for four weeks, without any other nourishment. Case recovered. Seven cases of acute Gastritis from alcoholic excess, all recovered, as also several cases of Delirium Tremens. Lately a case of Puerperal Peritonitis also recovered. Besides innumerable cases of other forms of gastric and general diseases wherein all other forms of nourishment failed to be retained. I am never without a bottle of the MEAT-JUICE in my Midwifery bag and I find its stimulating power always reliable.

THOS. KELLY, L. R. C. S. I.,
Medical Officer Health.

RANKINSTON, PATNA, *Scotland.*

From what I have seen of VALENTINE'S MEAT-JUICE in two cases of wasting disease, where the stomach had begun to refuse all the usual food preparations, VALENTINE'S MEAT-JUICE was greatly appreciated by the patients, was tolerated well and *formed their only means of nourishment with success for several weeks.* I hope to use the preparation more extensively now that I have proved its good qualities.

ALEX. MACRAE, M. B.; C. M.

DEWSBURY, *England.*

I nursed my father during a long and exhaustive illness, during which time he tried all sorts of beef preparations, but none agreed with him like VALENTINE'S MEAT-JUICE. *He lived for four months solely on the MEAT-JUICE and a little whisky.* Since that time, I have frequently ordered it with satisfactory results.

J. J. G. PRITCHARD,

L. R. C. P.; M. R. C. S.;

Asst. Medical Officer County Asylum, Lancaster, Eng.

SOUTH SHIELDS, *England.*

I have had opportunity of testing the qualities of VALENTINE'S MEAT-JUICE. My wife had been sick with a severe attack of Puerperal Fever and was *nourished for a fortnight on VALENTINE'S MEAT-JUICE alone.* It was well borne by the patient and seemed in every way to meet the requirements of a good, concentrated food. I shall, in future, strongly recommend it to my patients as the best food for invalids.

THOMAS MARSHALL,

L. R. C. P.; L. R. C. S.

LLANGOLLEN, *Wales.*

I consider VALENTINE'S MEAT-JUICE the best of all meat preparations and always tell my patients to send for it. It is invaluable. *I once kept a patient alive for 14 days by using it.* I have employed it for ten years.

J. DRINKWATER, L. S. A.,

Medical Officer Health; Late Surgeon Cunard Line.

LONDON, *England.*

I have been very favorably impressed with the value of VALENTINE'S MEAT-JUICE as an invalid food, especially in cases of prolonged illness attended with much debility. Recently, one of my patients who was suffering from internal cancer, preferred VALENTINE'S MEAT-JUICE to all other forms of nourishment, and, in fact, was, in my opinion, *kept alive by it for several weeks.* As I have found the preparation useful in the past, so in the future I trust to good results from its employment.

T. BOSWALL WATSON, M. D.,

M. B.; C. M., &c.

CHESTERFIELD, *England.*

I have used VALENTINE'S MEAT-JUICE for a long time and very extensively. I have formed a high opinion of its value and it is one of the first things used in London in acute or exhaustive diseases. I find it of peculiar value in the treatment of Puerperal Hemorrhage and of continued vomiting of all kinds. I have known a man, the subject of acute rheumatism, to *subsist nearly a fortnight of his illness on VALENTINE'S MEAT-JUICE alone.* A tolerably fair test, I think, of its nutritive capacity.

E. WEARNE CLARKE,

M. B.; C. M.; M. R. C. S.

ST. LOUIS, *Mo.*

I take pleasure in saying that VALENTINE'S MEAT-JUICE has done good service to me in several debilitated cases who were unable to take nourishment in a less concentrated form and who were unable to take it in the form of other meat preparations, because of the nausea which they induced. The MEAT-JUICE did not cause nausea in any instance. *An old gentleman 67 years of age was sustained on VALENTINE'S MEAT-JUICE almost alone for a week or more after an Epicystotomy and removal of a part of his prostate gland, and its non-irritating effect on the stomach in this case was especially valuable.*

BRANSFORD LEWIS, M. D.

BIRMINGHAM, *England.*

I have much pleasure in stating that I have had experience of the virtues of VALENTINE'S MEAT-JUICE for over three years. In a case of Hæmatemesis from extensive ulceration of the stomach, it was the only article of food that I could get the stomach to retain and on which the *patient lived for six months*, when she made a good recovery. Every other preparation seemed to irritate the stomach and was returned with a great amount of hemorrhage almost as soon as swallowed. I have every reason to speak well of VALENTINE'S MEAT-JUICE.

J. R. H. LUMBY,

L. R. C. P.; L. M.; M. R. C. S.

NEW YORK CITY.

In a case of acute lobar Pneumonia in which my patient was unable to retain other preparations of meat, I admin-

tested VALENTINE'S MEAT-JUICE which was retained and the *patient lived on it for ten days*. I shall be pleased to recommend VALENTINE'S MEAT-JUICE in any form of general debility or sickness.

N. M. DONAHUE, A. M.; M. D.

Character of Valentine's Meat-Juice.

VALENTINE'S MEAT JUICE is the pure juice of the best beef,—concentrated. Extracted from the flesh by a special process, it holds all of the important soluble constituents in an unchanged condition; the albumen, along with hæmoglobin, being preserved unaltered in the solution.

It can be retained and digested without an effort, and absolutely, by the most delicate stomach.

When a highly concentrated and energetic nutrient is demanded, in an emergency, the MEAT-JUICE can be prepared immediately, merely by the addition of cold water,—one teaspoonful in two or three tablespoonfuls of water.

That the MEAT-JUICE may be relied on, for its power and safety in restoring and sustaining the sick, and in maintaining the convalescent, is made to fully appear from the endorsements of eminent physicians and surgeons of Europe and America, who have thoroughly and critically tested it with their patients.

STATEMENTS

Made at the Request of the Medical Profession.

The use of the MEAT-JUICE does not interfere with the administration of any medicines, but it would not be advisable to mix acids or alcoholic liquors with it, as its character may be altered and its nourishing qualities impaired. Take the MEAT-JUICE, therefore, a short time before or after remedies. The use of *hot water with the MEAT-JUICE changes its character and impairs its value.*

The use of seasoning for the MEAT-JUICE has been wholly abstained from, leaving to the medical adviser all directions in this respect required for the sick.

Whenever the stomach from irritability fails to retain either food or medicines, the MEAT-JUICE may be employed to prepare that organ for their reception.

The time for using the MEAT-JUICE, besides during illness,—just before or after meals; on rising in the morning with a feeling of debility; or, on retiring at night and not disposed to sleep.

To take the MEAT-JUICE, rendering it a grateful drink, use cool water with it, or, if desired, crushed ice.

The MEAT-JUICE may be warmed over a water bath to the temperature of 130° F.—but, as this requires great

care, heating it should be done only when absolutely necessary.

Where cod-liver oil is objectionable to the taste or the stomach use the MEAT-JUICE in it, as it commends the oil to acceptance and digestion.

The MEAT-JUICE may be administered with *Arrow-Root* or *Corn Starch*, by preparing the mucilage in the usual way, and then stirring the MEAT-JUICE into it, *after* it has cooled down to 130° F.

A very pleasant and inviting Jelly may be made for the sick with the MEAT-JUICE, by dissolving gelatine in water, and adding the MEAT-JUICE. Chicken broth will be improved by the addition of MEAT-JUICE.

When the condition of the sick justifies a change from the MEAT-JUICE to the use of other diet, stale bread crumbled in the preparation renders it savory, while it constitutes a safe advance toward solid food.

In the administration of the MEAT-JUICE by *enema* the directions are the same as when taken by the stomach, except that the quantity should be larger.

The MEAT-JUICE can be used *hypodermically*.

The MEAT-JUICE has now for years been subjected to the heat, and to the fluctuations of different climates without change in its character.

SPECIAL NOTICE.

With the increased demand for the MEAT JUICE in the United States, and for its export to foreign countries, enlarged works were erected in this city (Richmond, Virginia,) in 1884, and improved appliances were introduced for a greater production of the preparation. Previously to this time, the necessity had arisen for a more complete distribution of the important duties, alike in the producing and commercial departments. These departments, therefore, have been now for some time severally in charge of my sons, who have spent years in the Works, acquiring that experience, and the skill (so necessary) in the production of my product, and also in filling the responsible positions in the offices. They are familiar with all the details of my business, and are competent to the performance of all of its duties, and, it is a pleasure to me to know that they fully appreciate the dignity and the responsibility of a vocation whose aims and obligations are to participate with a noble profession in supporting human life; and, that they have an abiding confidence in their work and its continuous existence. Therefore, in view of such satisfactory evidence of the deep interest felt by my sons in their avocation and their faith in the mission of the MEAT JUICE and its increasing importance, it has been an agreeable duty to me to closely unite them and their future by forming my business into what I hope will be a permanent and useful association, with the title of VALENTINE'S MEAT-JUICE COMPANY.

In the production of the MEAT JUICE the best material is used and intelligent and experienced labor is employed.

The MEAT JUICE is put up in bottles of only one size and form—a two-ounce, oval, amber-colored bottle. This bottle has two labels; on one of them is printed my signature, and on the other my "Trade-Mark," and the directions for using the MEAT-JUICE.

The MEAT JUICE is sold from the Works, in this city, in quantity only, but, it may be obtained from the druggists, whole-sale and retail, throughout the United States and Canada; the countries of Europe and South America; and China, Japan, and Australia.

Mann Valentine

Address all communications to

VALENTINE'S MEAT JUICE COMPANY,

RICHMOND, VIRGINIA, U. S. A.

Valentine's Meat-Juice.



Established 1871,

BY

MANN S. VALENTINE,

RICHMOND, VIRGINIA, U. S. A.

